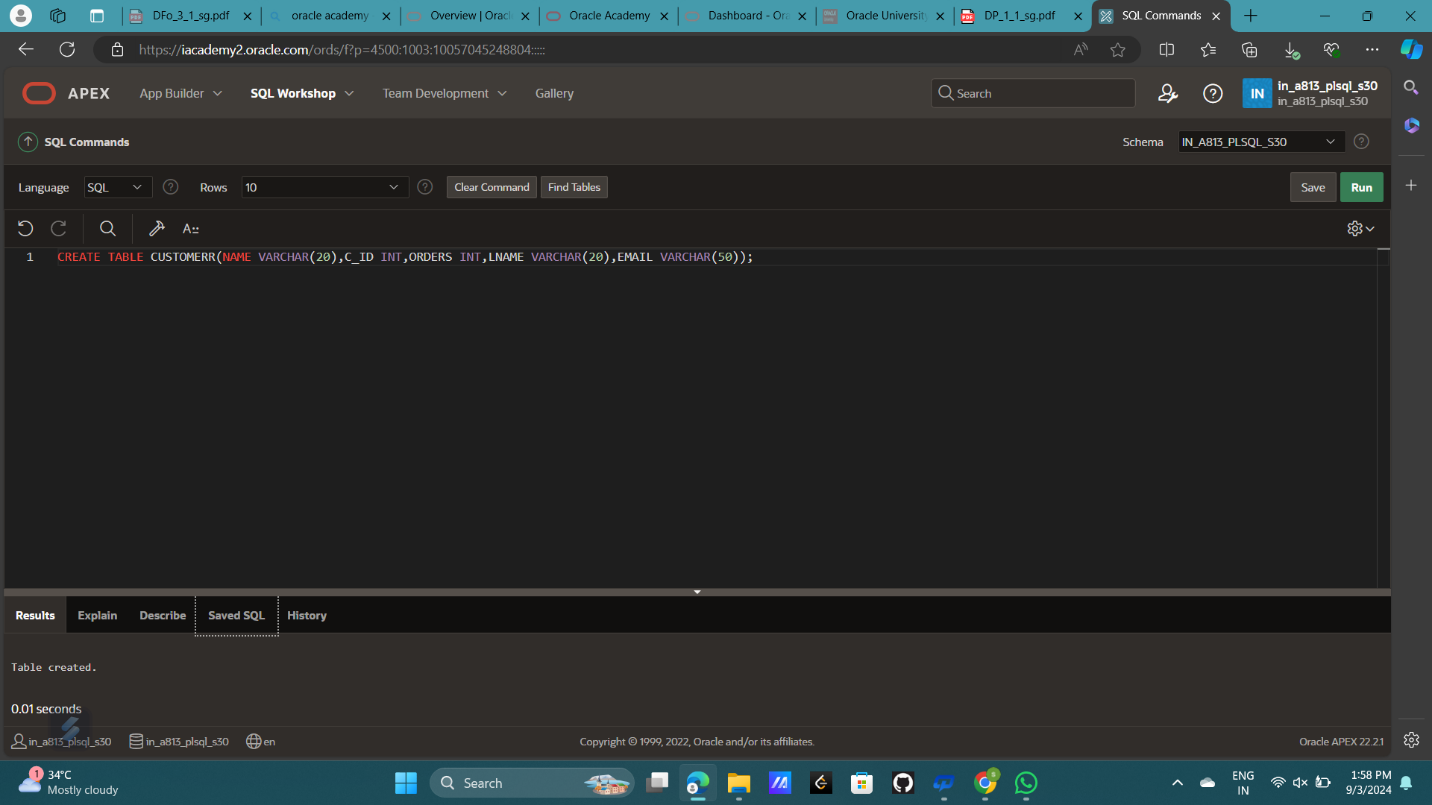
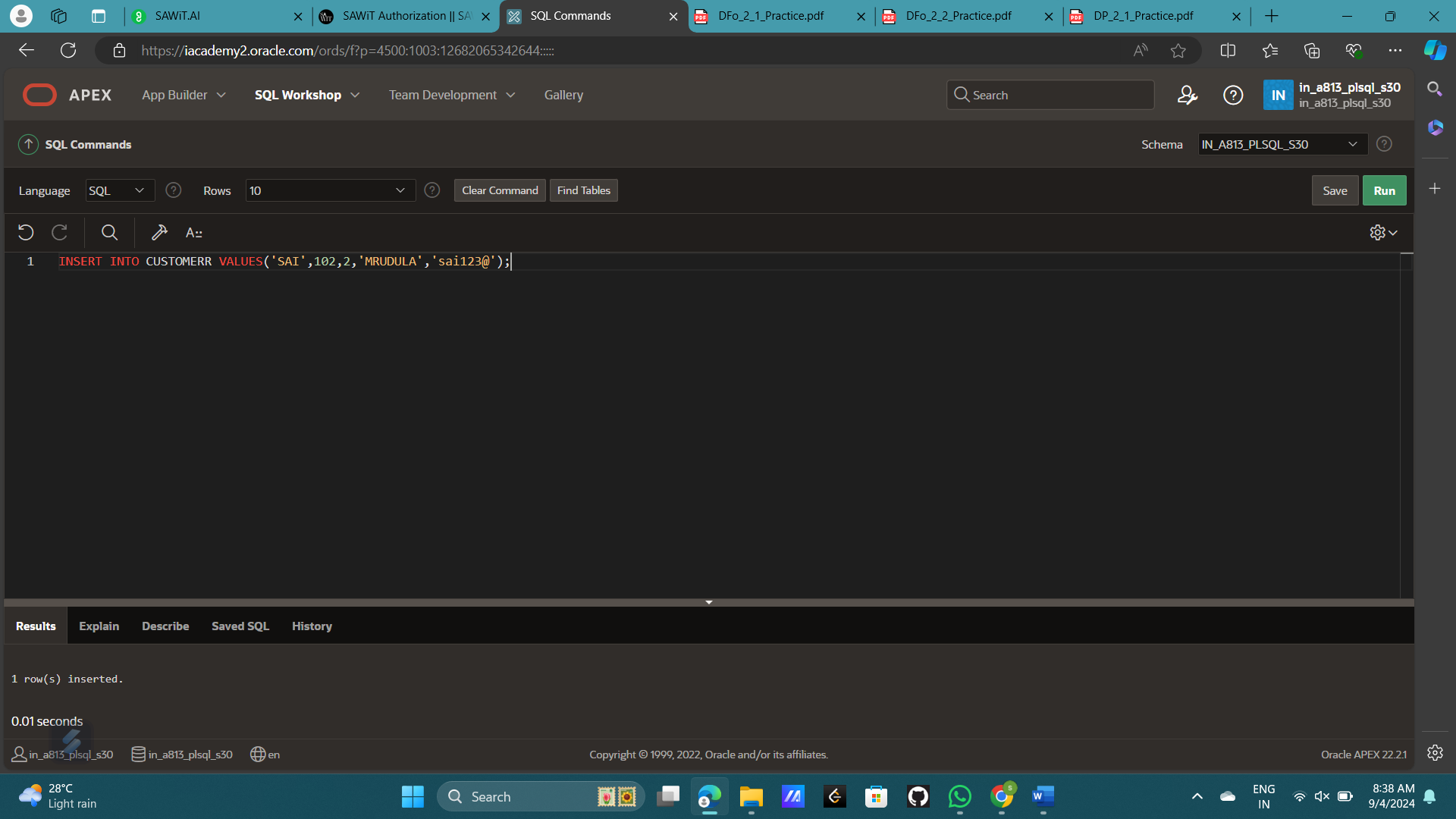
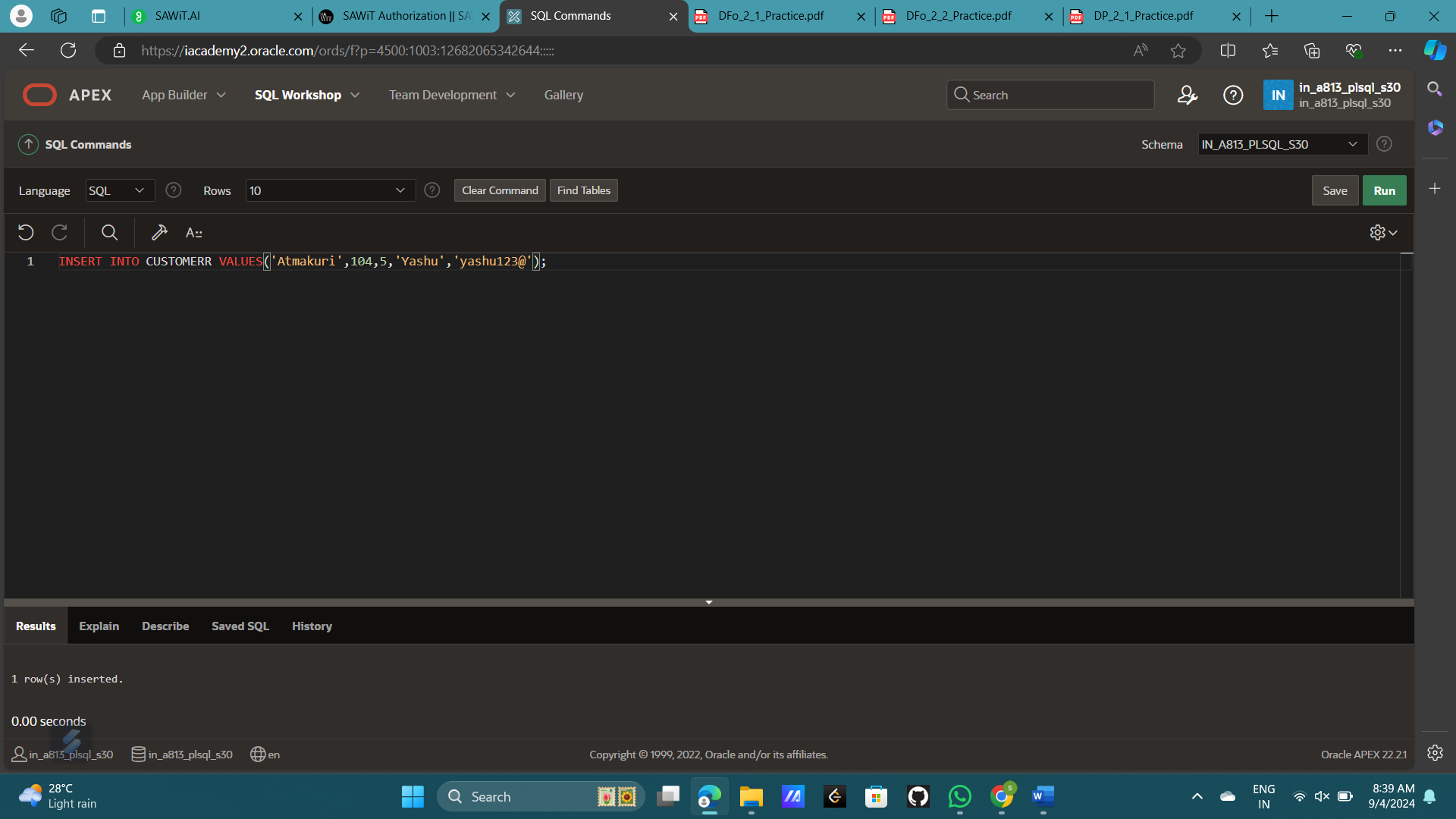
MODULE 2

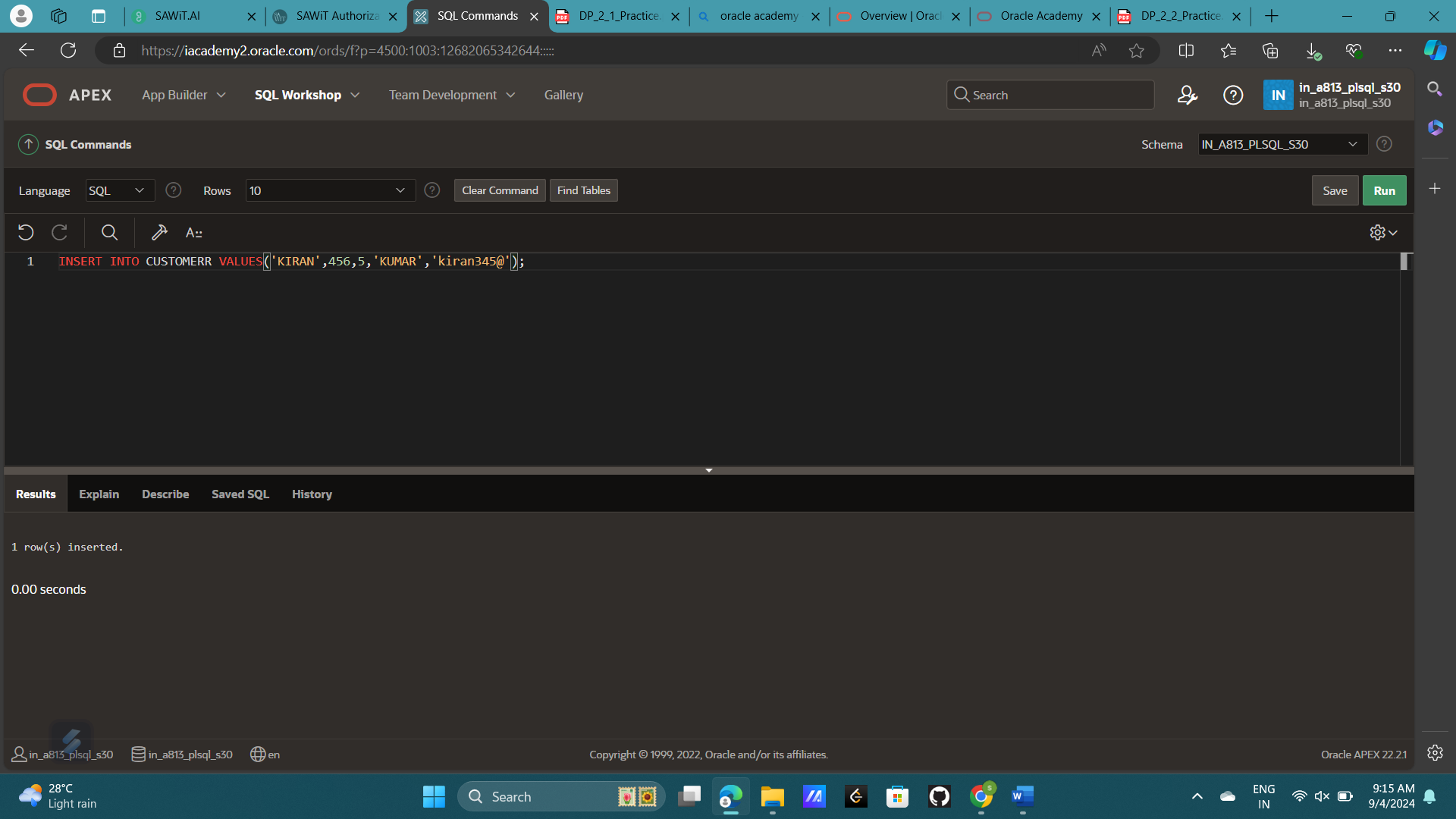
PRACTICE 2.1:-

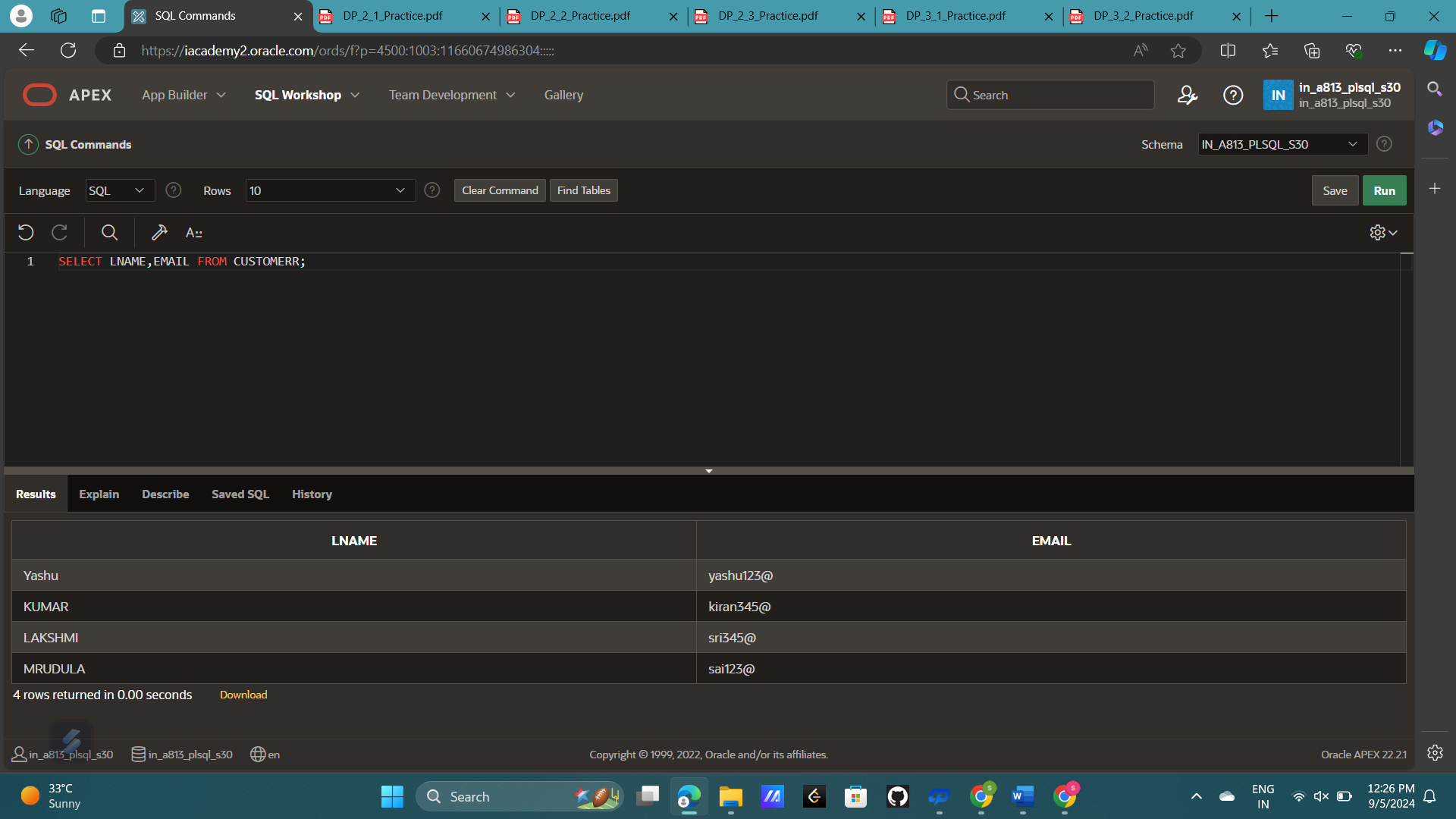
1. The manager of Global Fast Foods would like to send out coupons for the upcoming sale. He wants to send one coupon to each household. Create the SELECT statement that returns the customer last name and a mailing address











1. Each statement below has errors. Correct the errors and execute the query in Oracle Application Express.

a. SELECT first name FROM f\_staffs;

b. SELECT first\_name |" " | last\_name AS "DJs on Demand Clients" FROM d\_clients;

c. SELECT DISCTINCT f\_order\_lines FROM quantity;

d. SELECT order number FROM f\_orders

ANS:- (a) SELECT first\_name

FROM f\_staffs;

(b) SELECT first\_name || ' ' || last\_name AS "DJs\_on\_Demand\_Clients"

FROM d\_clients;

(c) SELECT DISTINCT f\_order\_lines

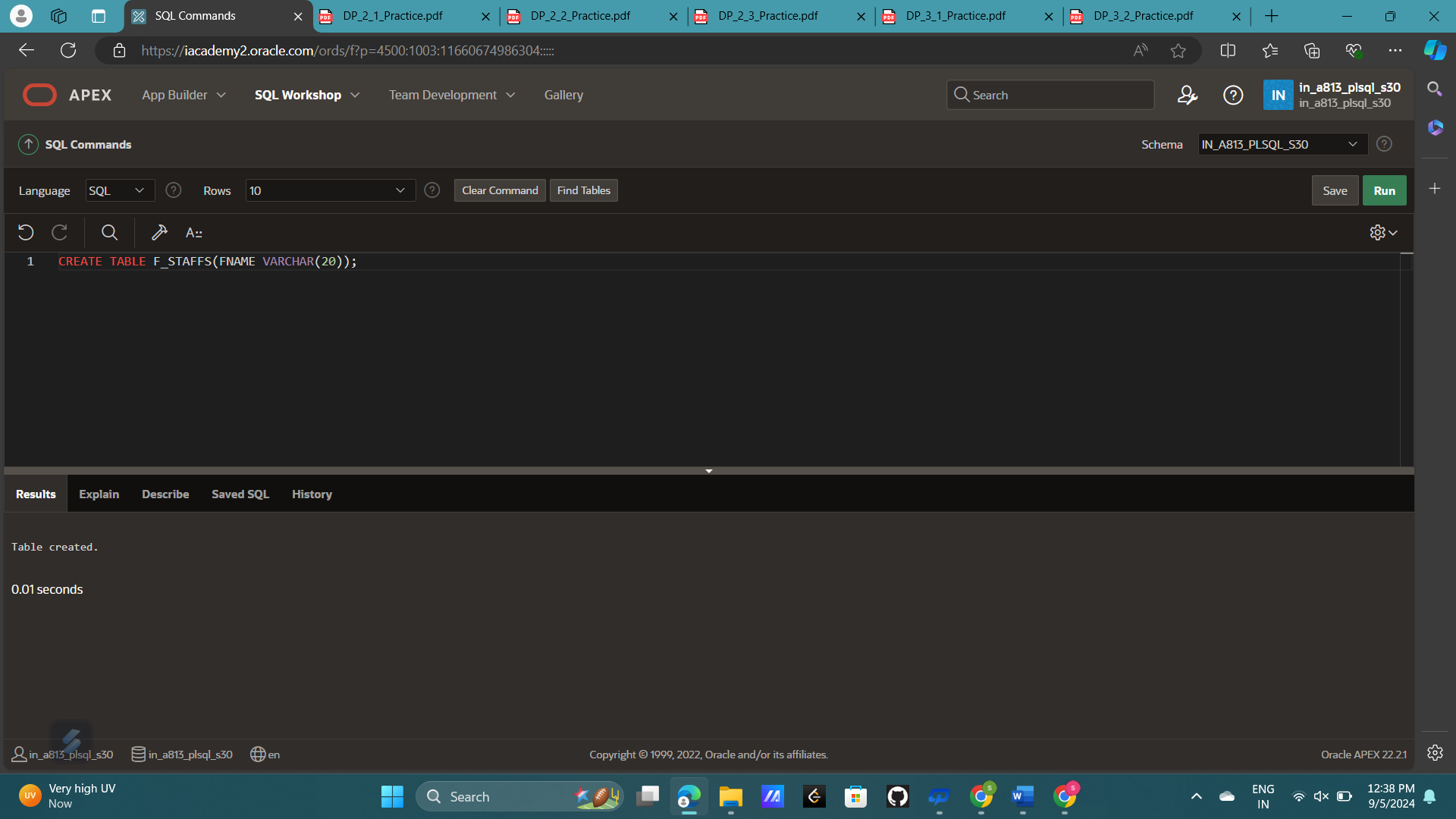
FROM quantity;

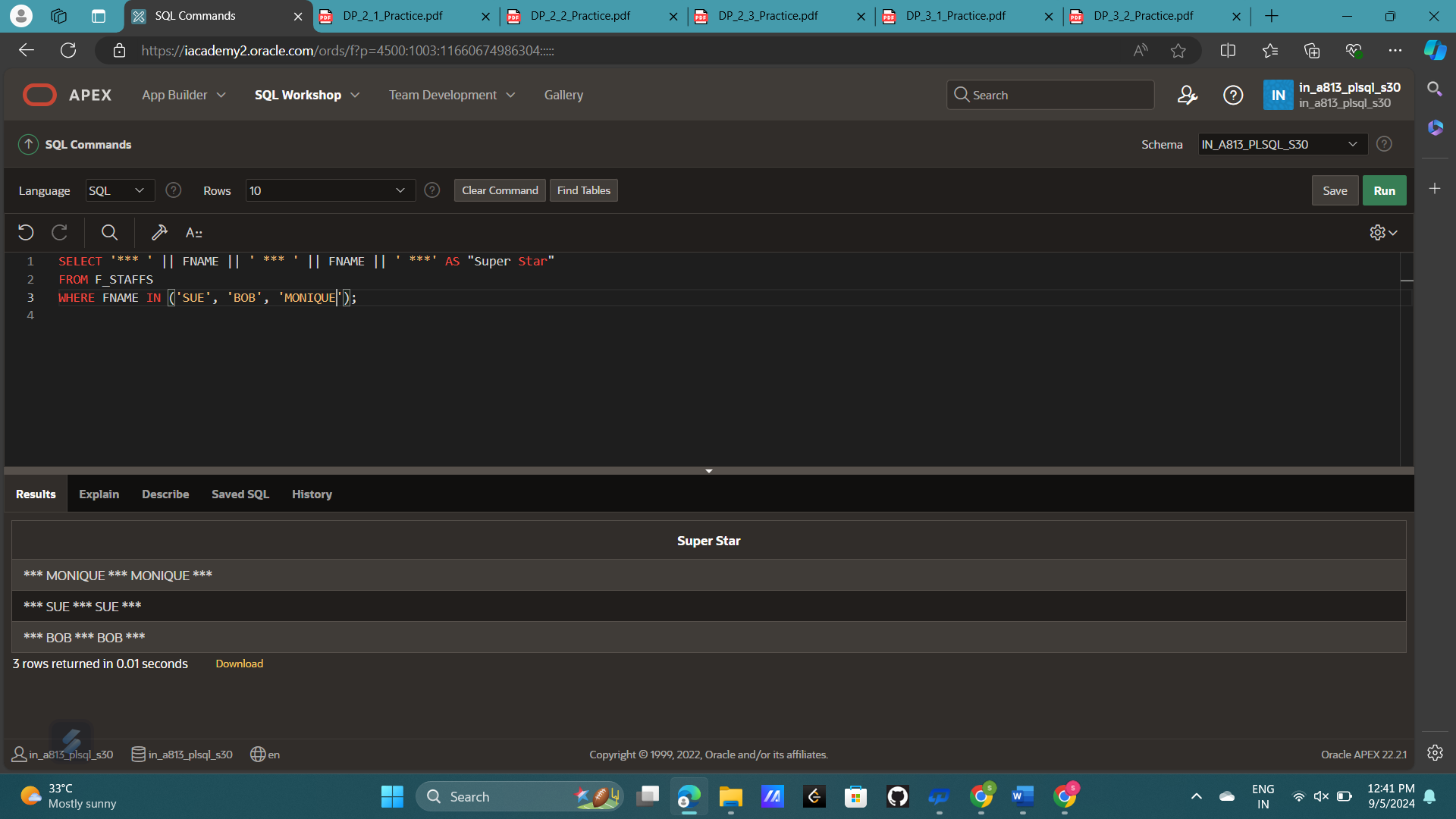
(d) SELECT order\_number

FROM f\_orders;

1. Sue, Bob, and Monique were the employees of the month. Using the f\_staffs table, create a SELECT statement to display the results as shown in the Super Star chart.

Super Star \*\*\* Sue \*\*\* Sue \*\*\* \*\*\* Bob \*\*\* Bob \*\*\* \*\*\* Monique \*\*\* Monique \*\*

ANS:- 



1. Which of the following is TRUE about the following query? SELECT first\_name, DISTINCT birthdate FROM f\_staffs;

a. Only two rows will be returned.

b. Four rows will be returned.

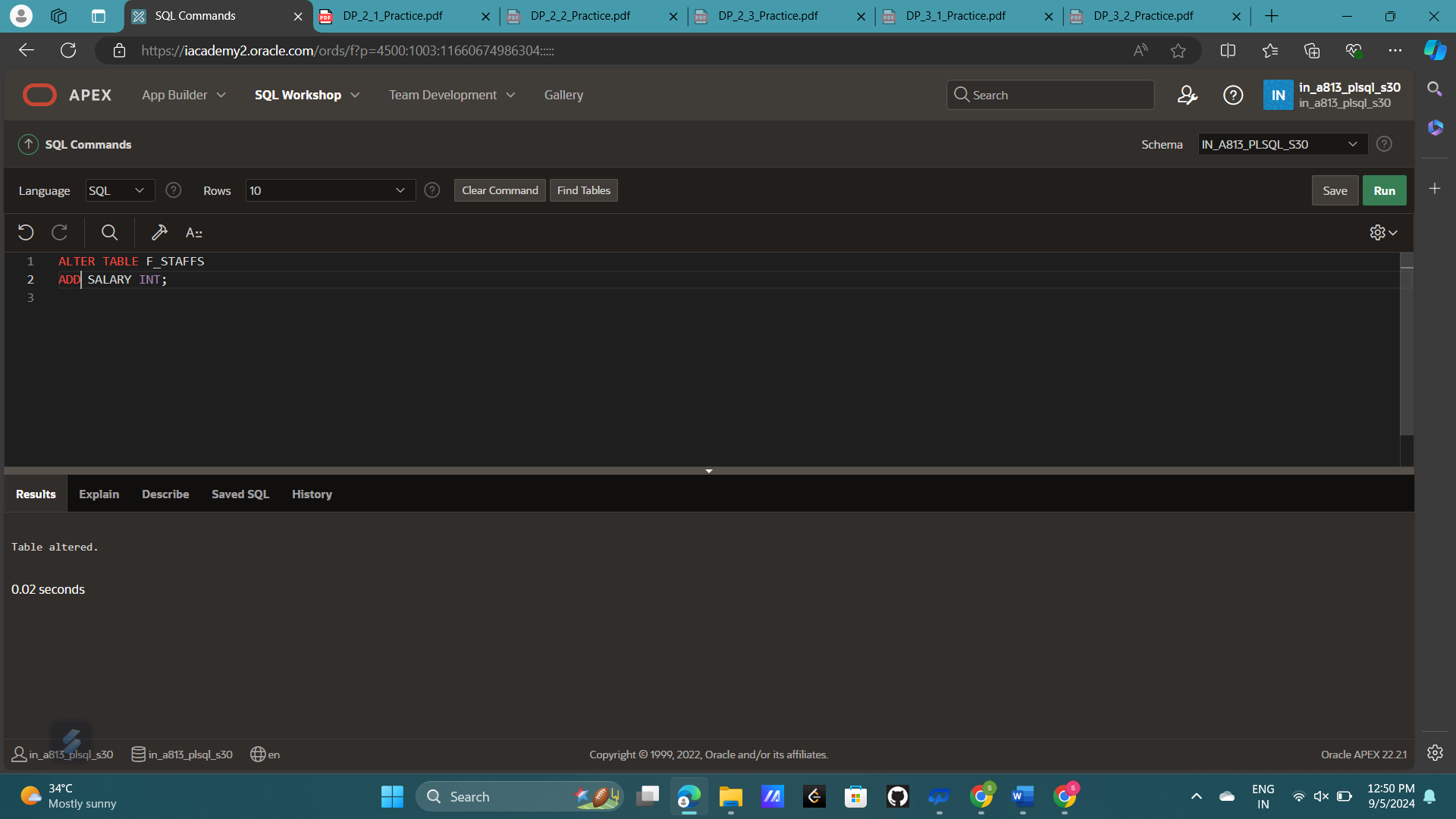
c. Only Fred 05-Jan-1988 and Lizzie 10-Nov-1987 will be returned.

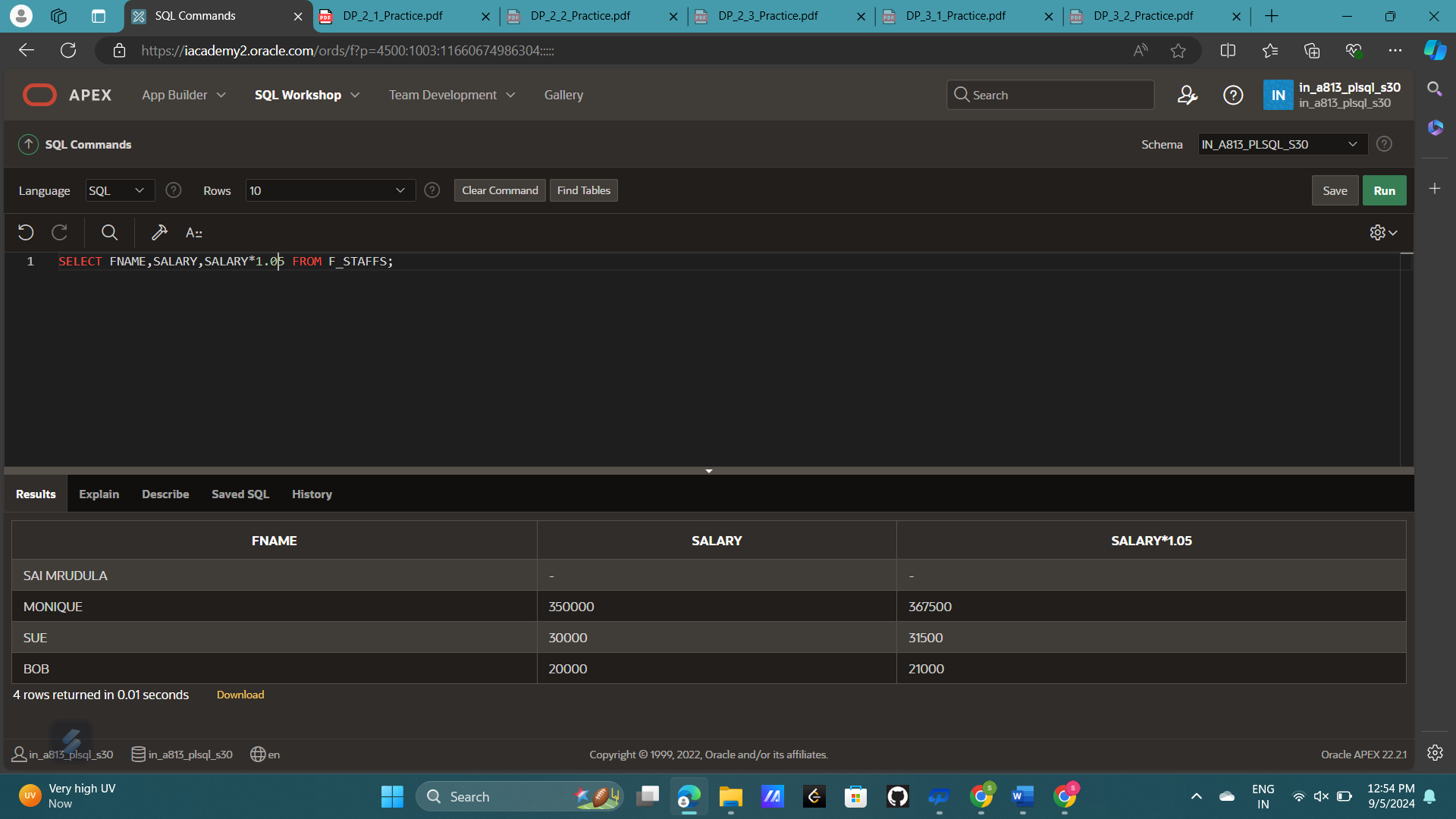
d. No rows will be returned

ANS:- (d) NO ROWS WILL BE RETURNED

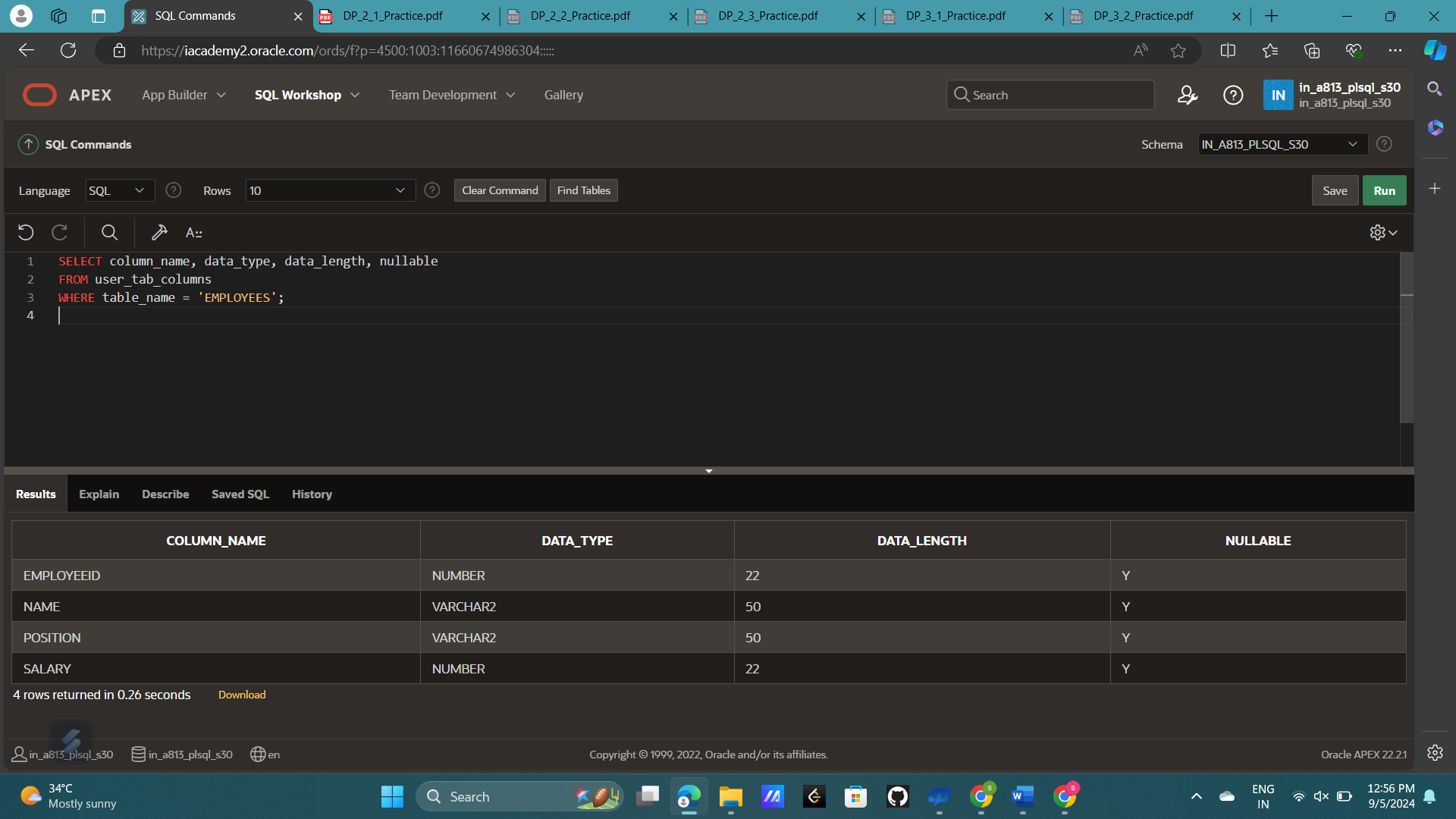
1. Global Fast Foods has decided to give all staff members a 5% raise. Prepare a report that presents the output as shown in the chart.

EMPLOYEE LAST NAME | CURRENT SALARY | SALARY WITH 5% RAIS

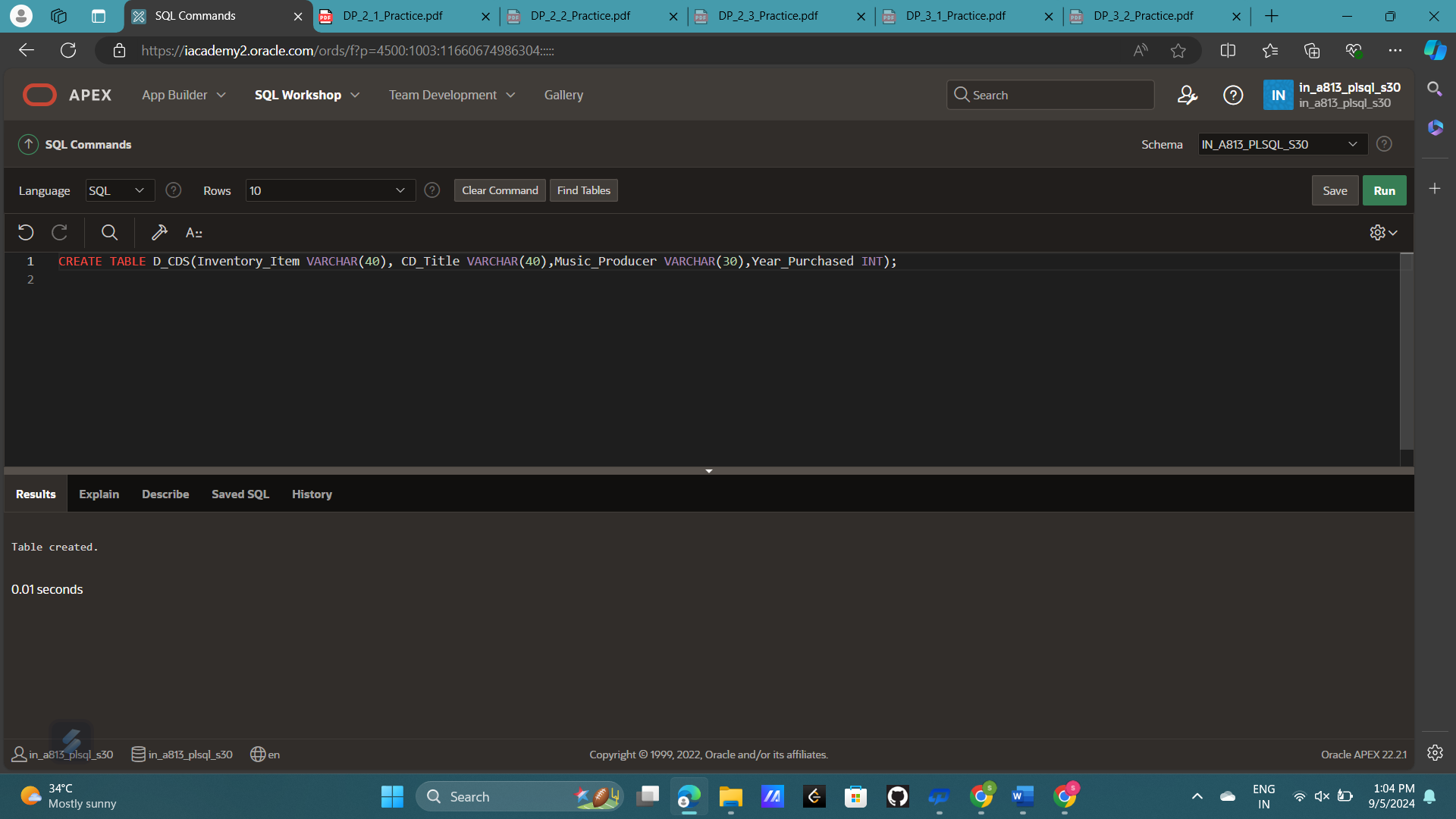


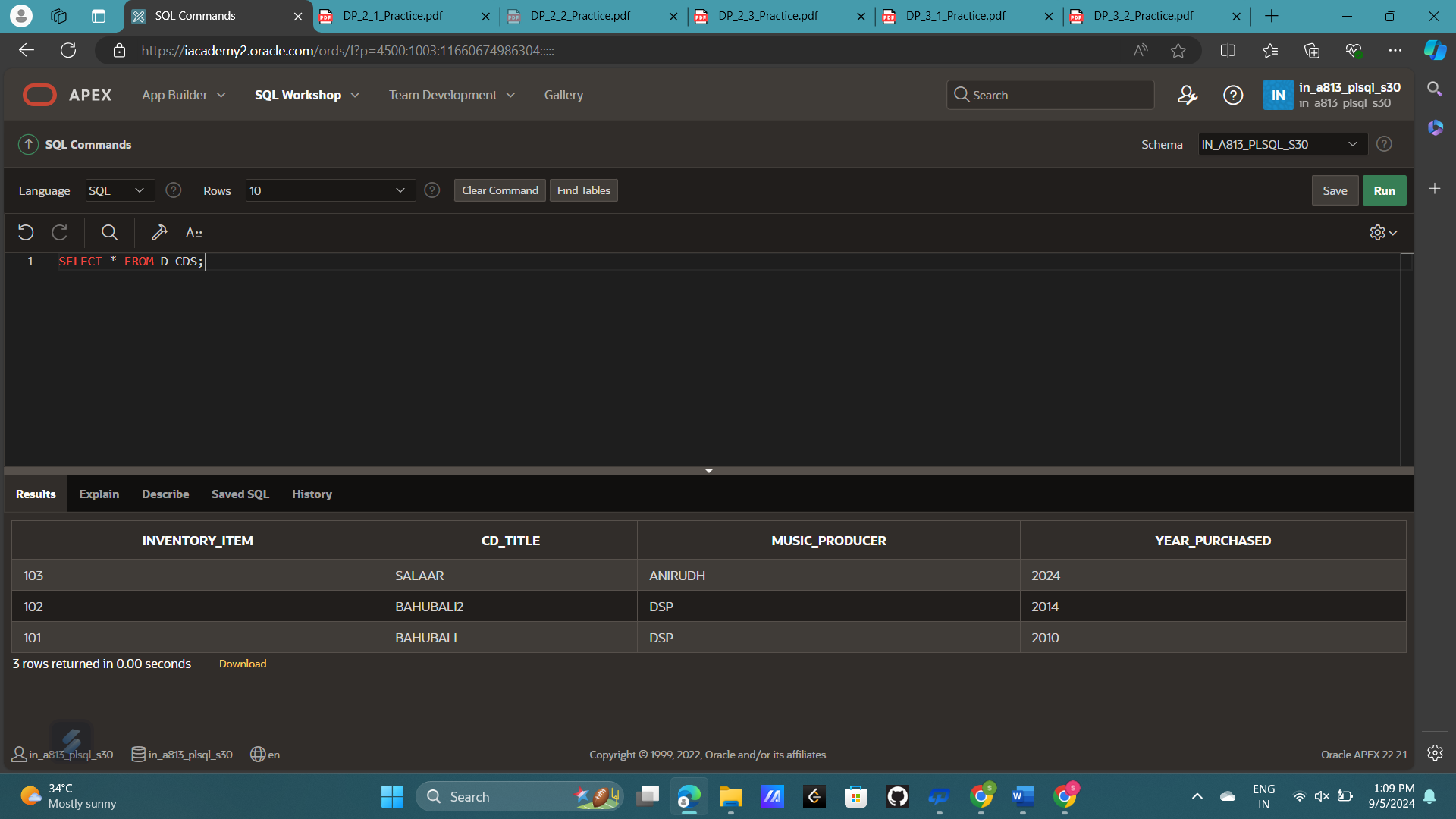


1. Create a query that will return the structure of the Oracle database EMPLOYEES table. Which columns are marked “nullable”? What does this mean?



1. The owners of DJs on Demand would like a report of all items in their D\_CDs table with the following column headings: Inventory Item, CD Title, Music Producer, and Year Purchased. Prepare this report





1. True/False -- The following SELECT statement executes successfully: SELECT last\_name, job\_id, salary AS Sal FROM employees;

ANS:- TRUE

1. True/False -- The following SELECT statement executes successfully: SELECT \* FROM job\_grades

ANS:- TRUE

1. here are four coding errors in this statement. Can you identify them? SELECT employee\_id, last\_name sal x 12 ANNUAL SALARY FROM employees;

ANS:- SELECT employee\_id, last\_name,

sal \* 12 AS "ANNUAL SALARY"

FROM employees;

1. In the arithmetic expression salary\*12 - 400, which operation will be evaluated first?

ANS:- \*

1. Which of the following can be used in the SELECT statement to return all columns of data in the Global Fast Foods f\_staffs table?

a. column names

b. \*

c. DISTINCT id

d. both a and b

ANS:- (b)

1. Using SQL to choose the columns in a table uses which capability?

a. selection

b. projection

c. partitioning

d. join

ANS:- (b) PROJECTION

1. SELECT last\_name AS "Employee". The column heading in the query result will appear as:

a. EMPLOYEE

b. employee

c. Employee

d. "Employee:

ANS:- (c)

1. Which expression below will produce the largest value?

a. SELECT salary\*6 + 100

b. SELECT salary\* (6 + 100)

c. SELECT 6(salary+ 100)

d. SELECT salary+6\*100

ANS:- (c)

1. Which statement below will return a list of employees in the following format? Mr./Ms. Steven King is an employee of our company.

a. SELECT "Mr./Ms."||first\_name||' '||last\_name 'is an employee of our company.' AS "Employees" FROM employees;

b. SELECT 'Mr./Ms. 'first\_name,last\_name ||' '||'is an employee of our company.' FROM employees;

c. SELECT 'Mr./Ms. '||first\_name||' '||last\_name ||' '||'is an employee of our company.' AS "Employees" FROM employees ;

d. SELECT Mr./Ms. ||first\_name||' '||last\_name ||' '||"is an employee of our company." AS "Employees" FROM employees

ANS:- (b)

1. .Which is true about SQL statements?

a. SQL statements are case-sensitive

b. SQL clauses should not be written on separate lines.

c. Keywords cannot be abbreviated or split across lines.

d. SQL keywords are typically entered in lowercase; all other words in uppercase

ANS: (c)

1. Which queries will return three columns each with UPPERCASE column headings?

a. SELECT "Department\_id", "Last\_name", "First\_name" FROM employees;

b. SELECT DEPARTMENT\_ID, LAST\_NAME, FIRST\_NAME FROM employees;

c. SELECT department\_id, last\_name, first\_name AS UPPER CASE FROM employees

d. SELECT department\_id, last\_name, first\_name FROM employees;

ANS:- (b)

19. Which statement below will likely fail?

a. SELCT \* FROM employees;

b. Select \* FROM employees;

c. SELECT \* FROM EMPLOYEES;

d. SelecT\* FROM employees;

ANS:- (a)

20.Click on the History link at the bottom of the SQL Commands window. Scroll or use the arrows at the bottom of the page to find the statement you wrote to solve problem 3 above. (The one with the column heading SuperStar). Click on the statement to load it back into the command window. Execute the command again, just to make sure it is the correct one that works. Once you know it works, click on the SAVE button in the top right corner of the SQL Commands window, and enter a name for your saved statement. Use your own initials and “\_superstar.sql”, so if your initials are CT then the filename will be CT\_superstar.sql. Log out of OAE, and log in again immediately. Navigate back to the SQL Commands window, click the Saved SQL link at the bottom of the page and load your saved SQL statement into the Edit window. This is done by clicking on the script name. Edit the statement, to make it display + instead of \*. Run your amended statement and save it as initials\_superplus.sql

